

IN THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

1. (Currently Amended) A method of embedding a watermark in a information compressed video signal(MPin), wherein the watermark embedding process is controlled by at least one embedding parameter, the value of the embedding parameter being dependent upon the bit-rate of the information compressed video signal.
2. (Currently Amended) ~~A~~The method ~~as claimed in~~ of claim 1, the method further comprising ~~the step of~~ determining the bit-rate of the information compressed video signal (MPin).
3. (Currently Amended) ~~A~~The method of ~~as claimed in~~ claim 2, wherein information indicative of the bit-rate is encoded in the information compressed video signal (MPin), the bit-rate being determined by decoding the information indicative of the bit-rate.
4. (Currently Amended) ~~A~~The method ~~as claimed in~~ of claim 1, wherein the value of the embedding parameter is selected from a predetermined set of values in dependence upon the bit-rate of the information compressed video signal.
5. (Currently Amended) ~~A~~The method ~~as claimed in~~ of claim 1, wherein at least one of the robustness of the watermark signal and the observability of the watermark signal is dependent upon said the embedding parameter.
6. (Currently Amended) ~~A~~The method ~~as claimed in~~ of claim 1, wherein the value of the embedding parameter determines the watermarking technique utilized to embed the watermark in the information compressed video signal.
7. (Currently Amended) ~~A~~The method ~~as claimed in~~ of claim 1, wherein the strength of the watermark is dependent upon the value of the embedding parameter.

8. (Currently Amended) An apparatus arranged to embed a watermark in an information compressed video signal (MPin), the apparatus comprising an embedding means arranged to embed a watermark in the information compressed video signal utilizing an embedding process controlled by at least one embedding parameter, the value of the embedding parameter being dependent upon the bit-rate of the information compressed video signal.

9. (Currently Amended) ~~A~~The apparatus ~~as claimed in~~ of claim 8, the apparatus further comprising a bit-rate determining unit arranged to determine the ~~bit rate~~ bit-rate of the information compressed video signal.

10. (Currently Amended) A system for control of multimedia with a watermarked information compressed video signal (MPout) , the system comprising a computer processor configured to perform a plurality of operation to embed a watermark in the compressed video signal utilizing an embedding process, wherein the original information compressed video signal (MPin) has been watermarked by a watermarking process controlled by at least one embedding parameter, the value of the embedding parameter being dependent upon the bit-rate of the information compressed video signal.

11. (Cancelled)

12. (Currently Amended) A method of detecting a watermark in an information compressed video signal (MPout), the method comprising analyzing ~~an~~ the information compressed video signal that may potentially comprise a watermark, so as to detect the watermark, the analyzing process being dependent upon the bit-rate of the information compressed video signal.

13. (Currently Amended) An apparatus for the detection of a watermark in an information compressed video signal, the apparatus comprising analyzing means arranged to analyze an information compressed video signal that may potentially comprise a watermark, so as to detect

the watermark, the operation of the analyzing means being dependent upon the bit-rate of the information compressed video signal.

14. (Currently Amended) A computer readable medium configured with having stored thereon computer program instructions, arranged such that when these instructions are loaded into and executed on a computer, the instructions cause the computer to perform the method of claim 1 and wherein the compressed video signal is analyzed so as to detect the watermark, the analyzing process being dependent upon the bit-rate of the compressed video signal.

15.-17. (Cancelled)

18. (New) A computer readable medium having stored thereon codes, the codes having encoded therein compressed video signal (MPout) having embedded therein a watermark according to the method of claim 1, the codes causing, when loaded into a computer programmed, the detection of the watermark in the compressed video signal (MPout), wherein the compressed video signal is analyzed so as to detect the watermark, the analyzing process being dependent upon the bit-rate of the compressed video signal.